

FIG. 1E

FIG. 1E

	MeIF-4AI	MeIF-4AII	NeIF-4A3
XeIF-4AIII	64	66	73
MeIF-4AI		90	62
MeIF-4AII			62

FIG. 1A

1	M A A A V A G V A G L T T A H A K R L L R E E D M T T V E	XeIF-4AIII
1	M E E D R L V	NeIF-4A3
31	F Q T S E E V D V T P T F D T M G L R E D L L R G I Y A Y G	XeIF-4AIII
8	F E T S K G V E P I A S F A E M G I K D D L L R G V Y Q Y G	NeIF-4A3
61	F E K P S A I Q Q K A I K Q I I K G R D V I A Q S Q S G T G	XeIF-4AIII
38	F E K P S A I Q Q R A V L P I I S G R D V I A Q A Q S G T G	NeIF-4A3
91	K T A T F C V S V L Q C L D I Q I R E T Q A L I L A P T K E	XeIF-4AIII
68	K T S M I A L T V C Q I V D T K S S E V Q A L I L S P T R E	NeIF-4A3
121	L A R Q I Q K V L L A L G D Y M N V Q C H A C I G G T N V G	XeIF-4AIII
98	L A A Q T E K V I L A I G D Y I N V Q A H A C I G G K S V G	NeIF-4A3
151	E D I R K L D Y G Q H V V A G T P G R V F D M I R R R S L R	XeIF-4AIII
128	E D I R K L E H G V Q V V S G T P G R V C D M I K R R T L R	NeIF-4A3

A-----A

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# FIG. 1B

A ————— A

181	T	R	A	I	K	M	L	V	L	D	E	A	D	E	M	L	N	K	G	F	K	E	Q	I	Y	D	V	Y	R	Y	XeIF-4AIII
158	T	R	G	I	K	L	L	I	L	D	E	S	D	E	M	L	S	R	G	F	K	D	Q	I	Y	D	V	Y	R	Y	NelF-4A3
211	L	P	P	A	T	Q	V	C	L	I	S	A	T	L	P	H	E	I	L	E	M	T	N	K	F	M	T	D	P	I	XeIF-4AIII
188	L	P	P	E	L	Q	V	V	L	I	S	A	T	L	P	N	E	I	L	E	I	T	S	K	F	M	T	D	P	V	NelF-4A3
241	R	I	L	V	K	R	D	E	L	T	L	E	G	I	K	Q	F	F	V	A	V	E	R	E	E	W	K	F	D	T	XeIF-4AIII
218	R	I	L	V	K	R	D	E	L	T	L	E	G	I	K	Q	F	F	V	A	V	E	K	E	E	W	K	F	D	T	NelF-4A3
271	L	C	D	L	Y	D	T	L	T	I	T	Q	A	V	I	F	C	N	T	K	R	K	V	D	W	L	T	E	K	M	XeIF-4AIII
248	L	C	D	L	Y	D	T	L	T	I	T	Q	A	V	I	F	C	N	T	K	R	K	V	D	W	L	T	S	K	M	NelF-4A3
301	R	E	A	N	F	T	V	S	S	M	H	G	D	M	P	Q	K	E	R	E	S	I	M	K	E	F	R	S	G	A	XeIF-4AIII
278	R	E	N	N	F	T	V	S	S	M	H	G	D	M	P	Q	K	E	R	D	A	I	M	A	E	F	R	G	G	T	NelF-4A3
331	S	R	V	L	I	S	T	D	V	W	A	R	G	L	D	V	P	Q	V	S	L	I	I	N	Y	D	L	P	N	N	XeIF-4AIII
308	T	R	V	L	I	T	T	D	V	W	A	R	G	L	D	V	Q	Q	V	S	L	V	I	N	Y	D	L	P	N	N	NelF-4A3
361	R	E	L	Y	I	H	R	I	G	R	S	G	R	Y	G	R	K	G	V	A	I	N	F	V	K	N	D	D	I	R	XeIF-4AIII
338	R	E	L	Y	I	H	R	I	G	R	S	G	R	F	G	R	K	G	V	A	I	N	F	V	K	S	D	D	I	K	NelF-4A3
391	I	L	R	D	I	E	Q	Y	Y	S	T	Q	I	D	E	M	P	M	N	V	A	D	L	I						XeIF-4AIII	
368	I	L	R	D	I	E	Q	Y	Y	S	T	Q	I	D	E	M	P	M	N	V	A	D	L	I						NelF-4A3	

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embryonic stage

FIG. 1C

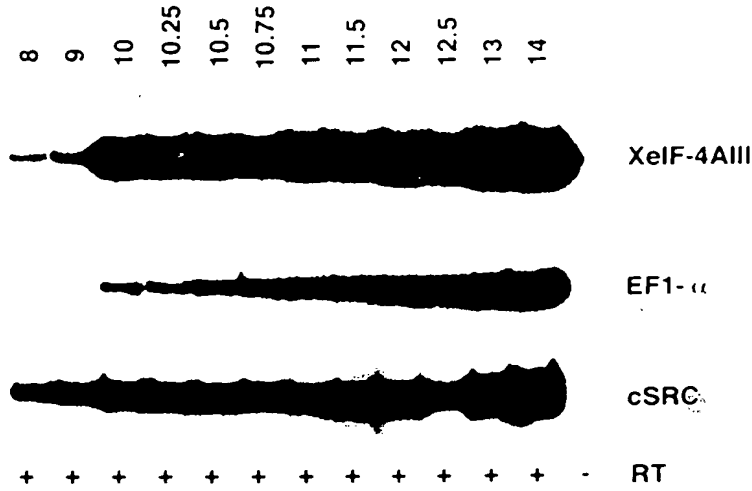
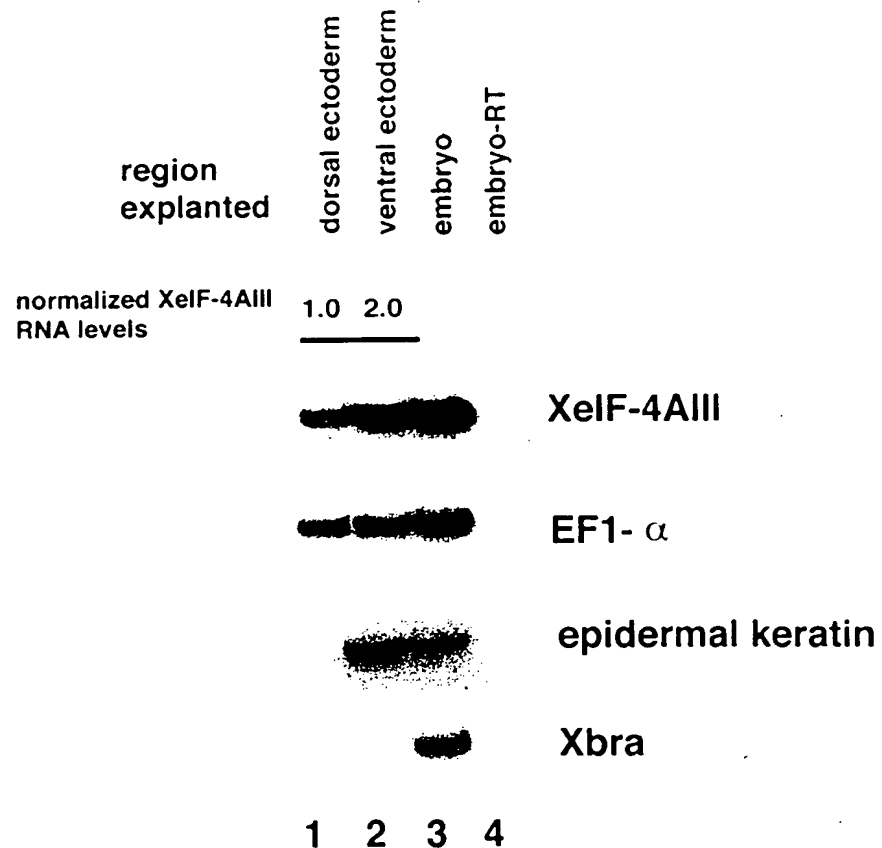


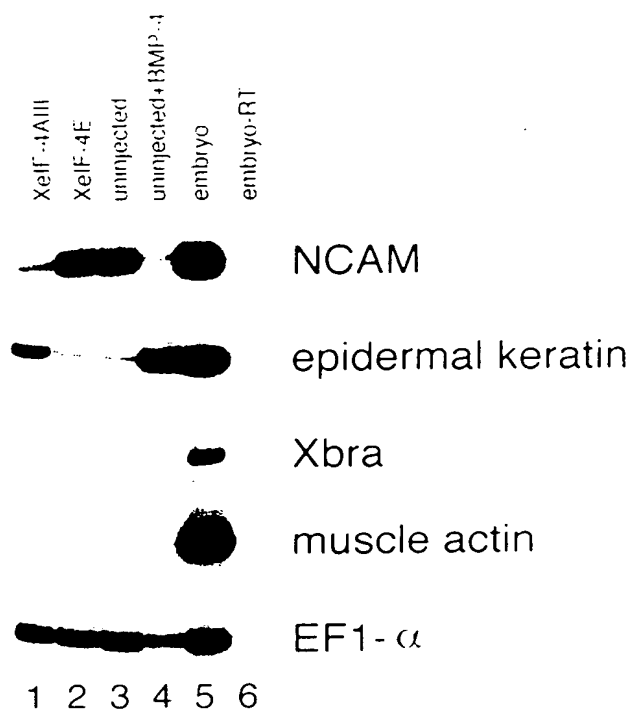
FIG. 1D



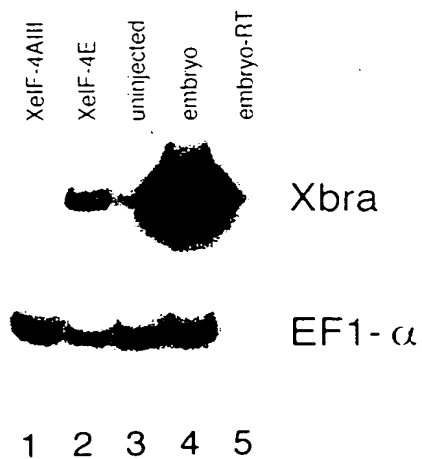
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## FIG. 2A



## FIG. 2B



XeIF-4AIII  
MeIF-4AI  
XeIF-4AIII+MeIF-4AI  
uninjected  
uninjected+BMP-4  
embryo  
embryo-RT

FIG. 2C

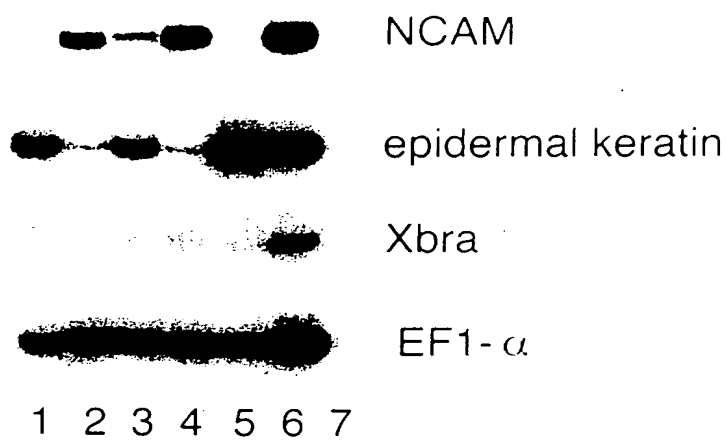
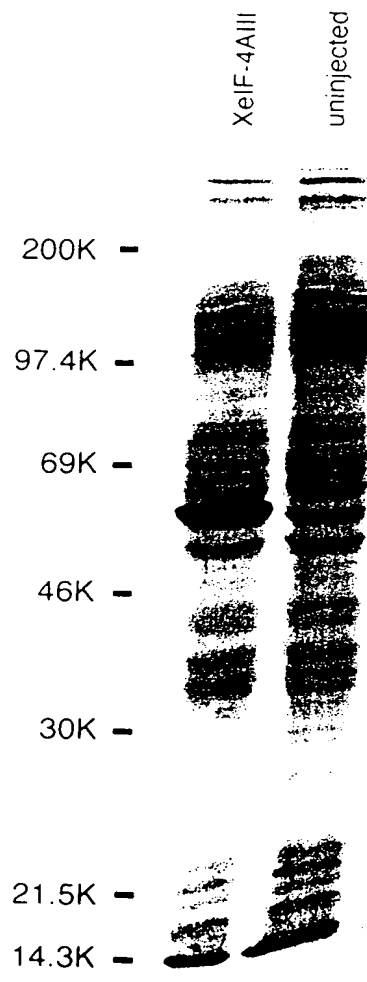


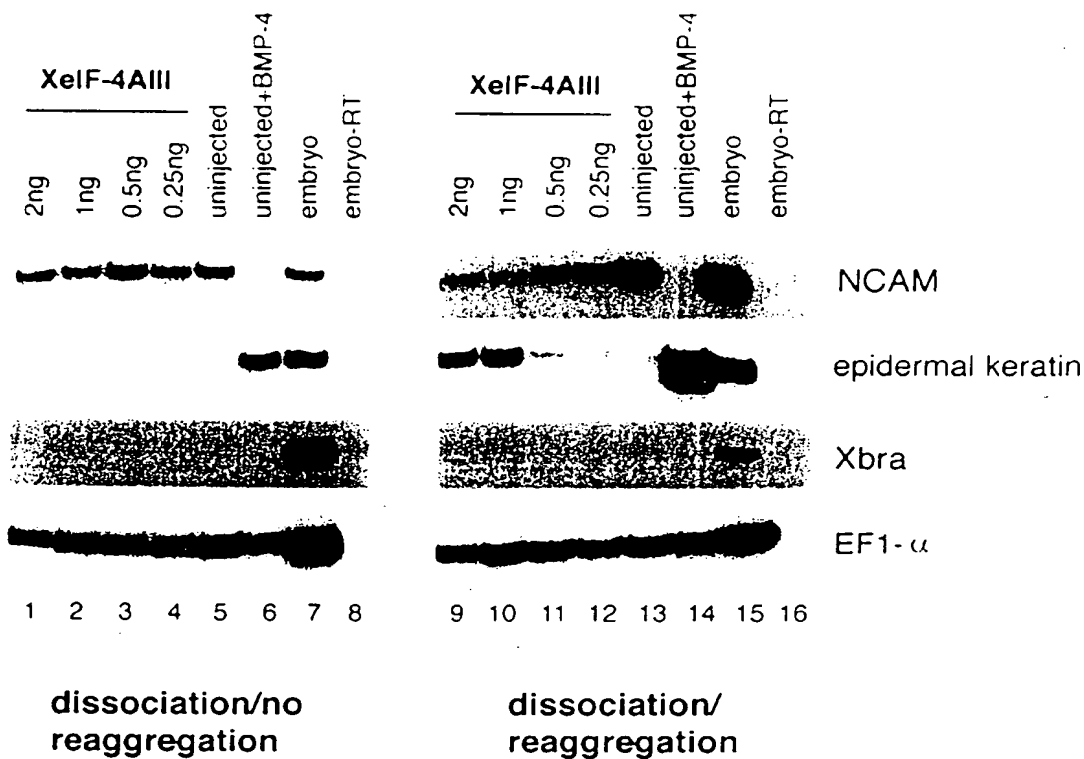
FIG. 2D



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# FIG. 3A



# FIG. 3B

